

#4
211-23-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Lovell-Badge et al.

Serial No.: Not Yet Assigned

Filed: June 21, 2001

Entitled: Cell Lineage Markers

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

Atty. Docket No.: 18396/2032

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Please enter amended claims 1-17 as follows.

Claims

1. A method for isolating a pluripotent cell which is at least partially committed to a given developmental pathway comprising the steps of:
 - (a) selecting a population of pluripotent cells;
 - (b) detecting *Sox* gene expression;
 - (c) sorting the cells according to *Sox* gene expression; and
 - (d) isolating those cells which express a *Sox* gene.
2. The method of claim 1, wherein said population of cells is derived from CNS tissue.
3. The method of claim 1, wherein said population of cells is derived from a cell culture.